

P. C. S. S.

PATENT ABSTRACTS OF JAPAN

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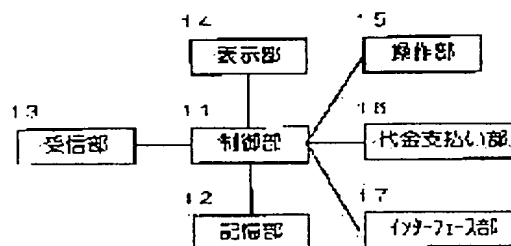
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(54) CHARGED INFORMATION VENDING MACHINE

(57)Abstract:

PROBLEM TO BE SOLVED: To service charged information at low costs by using only a portable terminal.

SOLUTION: This machine is provided with a receiving part 13 which receives charged information through broadcasting media such as a voice or a video, a storage part 12 which stores the chargeable information, and an interface part 17 which operates communication with a portable terminal owned by a user or the like. Desired information is selected from among the charged information by using both a display part 14 and a control part 15, and purchase charge is paid from a charge paying part 16. Thus, it is possible to simply and easily service the charged information to the portable terminal.



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[Date of final disposal for application]

[Patent number]

[Date of registration]

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[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

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CLAIMS

[Claim(s)]

[Claim 1] The receiving set which is the charged information vending machine which receives and sells the charged information multiplexed by the broadcast media which is connected with the carried type terminal which a user possesses, and contains voice or a picture, and receives the above-mentioned charged information, The storage which memorizes the received charged information, and the display which displays the selling menu of the charged information accumulated at this storage, The dialog equipment for choosing and operating the selling menu displayed on this display, It is the charged information vending machine characterized by having the cash close payment equipment for purchase price payment, and a communication device with the above-mentioned carried type terminal, and for a user choosing a charged information needed by dialog operation of the above-mentioned dialog equipment, and transmitting to a carried type terminal after payment of a purchase price.

[Claim 2] The receiving set which is the charged information vending machine which receives and sells the charged information multiplexed by the broadcast media which is connected with the carried type terminal which a user possesses, and contains voice or a picture, and receives the above-mentioned charged information, The storage which memorizes the received charged information, and the cash close payment equipment for purchase price payment, It is the charged information vending machine characterized by transmitting a charged information to the carried type terminal which is equipped with the communication device with the carried type terminal which a user has, and performs display of the selling menu of a charged information and selection of a selling menu, and operation by the above-mentioned carried type terminal side, and a user possesses after payment of a purchase price.

[Claim 3] A charged information vending machine given in either of the claims 1 or 2 characterized by using the receiving set of the communication media containing the telephone line or various radio circuits instead of the receiving set of the broadcast containing the above-mentioned voice and a picture.

[Claim 4] The charged information vending machine according to claim 1 to 3 characterized by attaching the above-mentioned charged information vending machine in other vending machines. and sharing-izing cash close payment equipment of other vending machines.

[Claim 5] The charged information vending machine according to claim 3 characterized by enabling the transfer of a charged information by communication to the carried type terminal which a user possesses immediately after selection of the charged information purchased by giving the user ID which specifies a user to the above-mentioned carried type terminal, and registering the accounting technique of a purchase price beforehand for every user ID while enabling a communication of the both directions with a pin center. large for the above-mentioned charged information vending machine.

[Claim 6] The above-mentioned display is a charged information vending machine according to claim 1 to 4 characterized by displaying a selling menu at the time of a user's charged information purchase, finding out out of the charged information in the above-mentioned storage. and displaying a chisel when other.

[Claim 7] The above-mentioned display is a charged information vending machine according to

claim 1 to 4 characterized by displaying a selling menu at the time of a user's charged information purchase, and displaying the urgent informations at the time of advertising informations other than the charged information in the above-mentioned storage, or calamity occurrence etc. when other.

[Translation done.]

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DETAILED DESCRIPTION

[Detailed Description of the Invention]

[0001]

[The technical field to which invention belongs] This invention relates to the charged information vending machine whose sale of a charged information was enabled to the carried type terminal owner.

[0002]

[Description of the Prior Art] Conventionally, a charged information installs the receiver of exclusive use in each home, accumulates the received charged information, and is made to load it to a carried type terminal. By this technique, only the home which holds the receiver can receive a service. Moreover, it is also possible for it to be started in recent years, to connect with a cellular phone or a public telephone from a destination with the carrying type terminal with a modem, and for a distribution service of the charged information by personal computer communications or internet to also download a charged information. It is hard to say that it is still practical to serve a lot of charged informations by this method in respect of a cost (traffic).

[0003]

[Problem(s) to be Solved by the Invention] Therefore, the technical problem of this invention is to enable it the thing for which it enables it to serve a charged information only by possessing a carried type terminal even if it does not install a receiver, and to serve a lot of charged informations for a low cost.

[0004]

[Means for Solving the Problem] That such a technical problem should be solved, by invention of a claim 1, a receiving set equivalent to an exclusive receiver for home use and the storage which memorizes a lot of received charged informations are formed, and a user transmits the charged information on the genre which made the desired report selectable out of two or more genres, and chose it out of a charged information by menu manipulation to the carried type terminal which a user possesses. By invention of a claim 2, a display and a control unit are made omissible from the charged information vending machine itself by enabling it to perform display of a selling menu, and operation on the carried type terminal which a user possesses.

[0005] Since the receiving status may be unable to be bad or may be unable to secure the installation space of an antenna, it can make it possible to receive using communication medias, such as a telephone, in a receiving set equivalent to the exclusive receiver of invention of the above-mentioned claim 1 and the claim 2 for home use (invention of a claim 3). In invention of the above-mentioned claim 1 - the claim 3, the above charged information vending machines can be attached in the existing vending machines, such as a drink, and cash close payment devices, such as coin *****, can be sharing-ized (invention of a claim 4). The user information is registered with accounting information, and whenever it purchases a charged information, even if it does not pay a purchase price, it can make it possible to be especially managed with communicating using a communication media by invention of the above-mentioned claim 3 (invention of a claim 5). Moreover, in invention of the above-mentioned claim 1 - the claim 4, except the time of charged information sale, since it becomes intact, menu display can display the header of the report of a charged information using this time (invention of a claim 6), similarly, can also display advertising data and urgent data in addition to a charged information (invention

of a claim 7), and can aim at a promotion by these.

[0006]

[Embodiments of the Invention] Drawing 1 is a block diagram showing the gestalt of implementation of the 1st of this invention. This drawing shows the configuration of a charged information vending machine, and 11 is the interface section with the carried type terminal with which a display and 15 are not illustrated for a receive section and 14, and the purchase price payment section (coin *****) and 17 are not illustrated [a control section and 12 / the storage section and 13] for a control unit and 16. In addition, the thing of marketing equipped with the I/O section and the processing section as a carried type terminal can be used.

[0007] Here, the distribution time zone of the charged information multiplexed by broadcast infrastructures (it is also called a broadcast infrastructure or a broadcast media), such as voice, such as ground wave television and satellite broadcasting, or a picture, shall be decided beforehand, and a charged information shall be distributed N times at the time zone. Moreover, a charged information is divided into unit data, such as a report, and how [that has received normally for every unit data] it shall judge it now. Furthermore, it shall accumulate among the storage section 12 for every unit data.

[0008] Drawing 2 is a flow chart for explaining the receiving procedure of a charged information in drawing 1. In processing 21, in order to memorize the charged information which will seemingly be new, the storage section 12 is cleared (initialization). Processing 22 is reception processing of the first distribution data in a distribution time zone, and the charged information distributed accumulates only what received, checked the received data and has received normally by the receive section 13 among the storage section 12 for every unit data. Processing 23 is reception processing of the 2nd distribution data of a distribution time zone, and performs processing 22 and same processing only about the unit data which have not been normally received by processing 22. Processing 24 is reception processing of the 3rd distribution data of a distribution time zone, and performs processing 22, the processing 23, and same processing only about the unit data which have not been normally received by processing 22 and the processing 23. Processing 25 is reception processing of the Nth distribution data, and performs the same processing even as it only about the unit data which have not been normally received by the N-1st time.

[0009] Drawing 3 is a flow chart which shows the selling procedure of a charged information in drawing 1. Processing 31 is monitoring processing of purchase designation of a charged information to a user, and if the buy button of the control unit 15 of drawing 1 is pushed, it will progress to processing 32. The example of button arrangement of a control unit 15 is shown in drawing 4. Processing 32 is display processing of the selling menu of a charged information. A selling menu is displayed on a display 14, as shown in drawing 5. Processing 33 is selection monitoring processing of a selling menu to a user, and if the number button of a control unit 15 corresponding to the number in a selling menu is pushed, it will progress to processing 34. Processing 34 is display processing of purchase price payment designation. A purchase price payment designation screen is displayed on a display 14, as shown in drawing 6. In addition, a purchase price shall be calculated by the modality (for example, the modality and the number of selections of a genre) of charged information chosen by operation of a user's selling menu.

[0010] Processing 35 is payment processing, and when it supervises the payment from the purchase price payment section 16 and becomes more than a purchase price, it progresses to processing 36. Processing 36 is display processing of the transfer start designation to the carried type terminal which a user possesses. The display screen of this transfer start designation is displayed on a display 14, as shown in drawing 7. Including the operation guide display for the reception by the side of a carried type terminal, a transfer start designation screen is considered so that a user can prepare a transfer correctly. Processing 37 is transfer start designation monitoring processing, and when the transfer start button of a control unit 15 is chosen, it progresses to processing 38.

[0011] Processing 38 is transfer processing of a charged information. A user operates a carried type terminal correctly by processing 36, it assumes that the carried type terminal is installed in a

position, and a charged information is transmitted to a carried type terminal through the interface section 17 with a carried type terminal. After the completion of a transfer progresses to processing 39. Processings 39 are display processing of the completion of a transfer, and change payment processing. If change is in the purchase price which paid in by processing 35 when a charged information is able to transmit to a user's carried type terminal normally by processing 38, change will be paid, and the message which shows that it has transmitted to the display 14 is displayed. When it is not able to transmit normally by processing 38, the message which shows what the transfer terminated abnormally is displayed on a display 14, and the total of purchase price which paid in by processing 35 is repaid and carried out.

[0012] Drawing 8 is a block diagram showing the gestalt of implementation of the 2nd of this invention. This shows a charged information vending machine and constitutes it from a control section 11, the storage section 12, a receive section 13, the purchase price payment section 16, the interface section 17, etc. here. That is, the display 14 and the control unit 15 which are shown in drawing 1 are deleted here, and, for this reason, it is made to perform display of the selling menu of a charged information and selection of a selling menu, and operation by the carried type terminal side which a user possesses.

[0013] The flow chart for drawing 9 (a) explaining the operation by the side of a charged information vending machine and (b) are the flow charts for explaining the operation by the side of a carried type terminal. Processing 21 is monitoring processing of purchase designation of the charged information by the user, and it stands by the processing 31 from a carried type terminal until it receives purchase designation via waiting and the interface section 17. When purchase designation is received, it progresses to processing 22. Processing 22 is transfer processing of the selling menu of a charged information, it transmits to a carried type terminal via the interface section 17, and a selling menu is displayed on the display by the side of a carried type terminal by processing 32.

[0014] Processing 23 is operation monitoring processing of the selling menu by the user, when waiting and operation complete operation of the processing 33 with a carried type terminal, via the interface section 17 with a carried type terminal, receives the operation information on a selling menu, and progresses to the after treatment 24. In addition, when the selling menu is hierarchized and more than one exist, processing 22 and the processing 23 may be repeated, all selling menus are transmitted at once by processing 22, and it may be made to leave a display switch of a selling menu to a carried type terminal side so that the following selling menu may be again transmitted by processing 22 to a certain operation and it may say that processing 23 is performed. Processing 24 is purchase price demand processing. A purchase price is calculated on the basis of the operation information on the selling menu by the user. Then, a purchase price payment demand screen is transmitted to a carried type terminal via the interface section 17, and it is displayed on the display of a carried type terminal by processing 34. Processing 25 is purchase price payment processing. When the price paid in from the purchase price payment section 16 is counted and it becomes more than a purchase price, it progresses to processing 26.

[0015] Processing 26 is transfer start designation demand processing. When the payment amount of money becomes more than a purchase price, a transfer start designation screen is transmitted to a carried type terminal via the interface section 17, and it is made to display on the display of a carried type terminal by processing 35. Processing 27 is transfer start designation monitoring processing. The processing 36 of a carried type terminal is stood by until it receives transfer start designation via the interface section 17 with waiting and a carried type terminal. When transfer start designation is received, it progresses to processing 28. Processing 28 is transfer processing. The selected charged information is transmitted to a carried type terminal via the interface section 17. Processing 29 is change payment processing. Change will be paid if change is in the purchase price which paid in by processing 25 by processing 28 when a charged information is able to transmit to a user's carried type terminal normally. By processing 28, when it is not able to transmit normally, the total of purchase price which paid in by processing 25 is repaid and carried out.

[0016] Display processing of a selling menu and the processing 33 of purchase designation and

the processing 32 of as opposed to a charged information vending machine. In processing 31 are selection operation processings of a selling menu, and processing 32 and the processing 33 may be repeated with some selling menu. For processing 34, display processing of a purchase price demand screen and the processing 35 are [operation of transfer start designation and the processing 37 of display processing of a transfer start designation screen and the processing 36] transfer processings of a charged information.

[0017] the block diagram showing [10] the gestalt of the 3rd operation -- it is -- 11 -- a control section and 12 -- in a display and 15, a control unit and 16 show the purchase price payment section, and 17 shows [the storage section and 13A / the pin center, large communications department and 14] the interface section with a carried type terminal. The receive sections of drawing 1 differ at the point set to pin center, large communications department 13A. That is, the point of using communication infrastructures, such as the telephone line, a cellular phone containing ISDN (digital communication network) and PHS, and a radio, instead of broadcast infrastructures, such as ground wave television and satellite broadcasting, and having received the charged information through pin center, large communications department 13A is the characteristic feature.

[0018] Drawing 11 is a flow chart which shows the charged information communication procedure with a pin center, large. In processing 21, line connection monitoring from a pin center, large is performed, and by processing 22, in order to memorize the charged information which will seemingly be new, the storage section is cleared (initialization). Processing 23 is communications processing with a pin center, large, progresses to processing 24 after a completion, and performs circuit disconnection processing. Namely, what is necessary is to perform a communication of a charged information only once unlike the case of drawing 2.

[0019] Drawing 12 is a block diagram showing the gestalt of the 4th operation, and attaches the charged information vending machine which consists of a receive section / control-section 11, storage section 12, and pin center, large communications department 13B; the display 14, the control unit 15, the interface section 17 with a carried type terminal, the communications department 18, etc. in the existing vending machines, such as a drink which consists of a control section 21, coin ***** (price payment section) 22, the communications department 23, a selection button for charged information sale 24, etc.,

[0020] The flow chart with which drawing 13 shows the selling procedure of a charged information, and the drawing 14 are explanatory drawings showing the example of arrangement of the selection button for charged information sale. In the same procedure as drawing 3, although only the fraction of payment processing shown by the processing 35 of drawing 3 may be made to pay in by coin ***** of the existing vending machine, generally, a vending machine pays in previously, since it is the procedure of choosing goods after that, is **ed for this example here and explained below.

[0021] As the selection buttons for charged information sale 24 are the selling button located in a line with the bottom of it for every goods, such as coffee which is the selling goods of a vending machine, and sap, and the same button and it is shown in drawing 14, the display which shows that it is a charged information shall be made in the goods position. Moreover, the selling unit of a charged information is carried out per genre, for example, and when it combines from the inside of two or more genres and it enables it to choose a genre, the selling button is separately prepared like three genres of 100 yen, two genres of 80 yen, and one genre of 50 yen.

[0022] The processing 31 of drawing 13 is payment processing. Although the selling button for every selling goods of a vending machine becomes selectable according to the amount of money generally paid in from coin ***** 22, the selection button for charged information sale 24 is similarly processed at this time. Processing 32 is button selection processing by the user. When the selection button for charged information sale 24 is chosen, the control section 11 of a charged information vending machine is told about that there was charged information selling designation through the communications department 18 of a charged information vending machine from the communications department 23 of the existing vending machine. Then, it progresses to processing 33.

[0023] Processing 33 is display processing of the selling menu of a charged information. A selling menu is displayed on a display 14, as shown in drawing 5. As long as the buttons chosen by processing 32 are three genres of 100 yen at this time, since operation of choosing three genres becomes complicated, it may display from the start the selling menu which made three genres the set. Processing 34 is selection monitoring processing of the selling menu by the user. When the number button corresponding to the number in the selling menu of a control unit 15 is chosen, it progresses to processing 35. Processing 35 is display processing of the transfer start designation to the carried type terminal which a user possesses. A transfer start designation screen is displayed on a display 14, as shown in drawing 7. Including the operation guide for the reception by the side of a carried type terminal, a transfer start designation screen shall be considered so that a user can prepare a transfer correctly. Processing 36 is transfer start designation monitoring processing. When the transfer start button of a control unit 15 is chosen, it progresses to processing 37.

[0024] Processing 37 is transfer processing of a charged information. A user operates a carried type terminal correctly by processing 36, it assumes that the carried type terminal is installed in a predetermined position, and a charged information is transmitted to a carried type terminal through the interface section 17 with a carried type terminal. It progresses to processing 38 after the completion of a transfer. Processings 38 are display processing of the completion of a transfer, and change payment processing. Change pays, if change is in the purchase price which paid in by processing 31 by processing 37 when a charged information is able to transmit to a user's carried type terminal normally, processing will be transmitted to the control section 21 of the existing vending machine through the communications department 23 of the existing vending machine from the communications department 18 of a charged information vending machine, and change will pay it, it will be performed, and the message which shows that it has transmitted to the display 14 normally is displayed. When it is not able to transmit normally by processing 36, the message which shows what the transfer terminated abnormally is displayed on a display 14, it transmits to the control section 21 of the existing vending machine through the communications department 23 of the existing vending machine from the communications department 18 of a charged information vending machine. and the total of purchase price which paid in by processing 31 is repaid and carried out.

[0025] Drawing 15 is the flow chart which shows the modification of the charged information selling procedure in drawing 8, (a) shows the operation by the side of a charged information vending machine, and (b) shows the operation by the side of a carried type terminal. A difference is the point of transmitting with a password the user identification number beforehand set as the carried type terminal, instead of paying a purchase price with drawing 9 in cash. In addition, about a password, since the improper use at the time of carried type terminal loss is avoided, it shall input each time. As the accounting technique of a purchase price, the bank account and the credit number shall be registered for every user identification number, and a purchase price shall be totaled in the pin center, large for every user identification number, for example, accounting shall be carried out per month. Since the processing 21 - the processing 23 are the same as the processing 21 of drawing 9 (a) - the processing 23 and the processing 31 - the processing 33 are the same as the processing 31 of drawing 9 (b) - the processing 33, the processing 24 and the processing 34 or subsequent ones are explained.

[0026] Processing 24 is transfer start designation demand processing. A transfer start designation screen is transmitted to a carried type terminal via the interface section 17 with a carried type terminal after calculating a purchase price on the basis of the operation information on the selling menu by the user. A display of the calculated purchase price shall be included in a transfer start designation screen. Processing 25 is transfer start designation monitoring processing. Operation of the processing 35 of a carried type terminal is stood by until it receives transfer start designation via waiting and the interface section 17. When transfer start designation is received, it progresses to processing 26. In addition, the user identification number beforehand set as the carried type terminal shall be contained in the transfer start designation to receive. Processing 26 is password demand processing. A password setting screen is transmitted to a carried type terminal via the interface section 17 with a carried type terminal. Processing 27 is password input monitoring

processing. Operation of the processing 37 of a carried type terminal is stopped by until it receives a password via waiting and the interface section 17. When a password is received, it progresses to processing 28.

[0027] Processing 28 is transfer processing. The selected charged information is transmitted to a carried type terminal via the interface section 17 with a carried type terminal. Processing 29 is selling information storage processing. By processing 28, when a charged information is able to transmit to a user's carried type terminal normally, a user identification number and a password are saved to the storage section 12. The saved selling information is transmitted to a pin center, large to timing, such as communications processing for the update of a charged information from a pin center, large, and a pin center, large performs accounting. Moreover, for display processing of a transfer start designation screen, and the processing 35, operation of transfer start designation and the processing 36 are [the processing 34 of drawing 15 (b) / password input process and the processing 38 of display processing of a password setting screen and the processing 37] transfer processings of a charged information.

[0028] Drawing 16 is explanatory drawing for explaining the gestalt of implementation of the 5th of this invention, and can be applied to each **** of drawing 1 , the drawing 8 , the drawing 10 , and the drawing 12 . Drawing 16 (a) shows ejection processing of data, is found out out of the charged information accumulated at the storage section 12, takes out a chisel, and to the header indicative-data field of the storage section 12, as shown in drawing 16 (b), it accumulates it. Processing 12 of drawing 16 (c) is performed at time zones other than the selling time zone of a charged information (until a user does purchase designation and completes sale), reads the header indicative data accumulated by processing 11 at the storage section 12, and displays it one by one by the display 14.

[0029] Drawing 17 is explanatory drawing for explaining the gestalt of implementation of the 6th of this invention, and can be applied to each **** of drawing 1 , the drawing 8 , the drawing 10 , and the drawing 12 . Here, advertising data and urgent data of selling goods shall be accumulated at the storage section 12, and it shall have output condition, such as the number of times of an output, about urgent data. It carves whether the processing 11 of drawing 17 (a) displays advertising data by performing at time zones other than the selling time zone of a charged information (until a user doing purchase designation and completing sale), or urgent data are displayed. Urgent data are outputted while urgent data fill output condition. When outputting urgent data and it outputs advertising data to processing 12, it progresses to processing 13, respectively. From the storage section 12, processing 12 reads urgent data and performs the display to a display 14. Whenever a display of urgent data finishes, the update of output condition, such as a count of the number of times of an output, is performed. From the storage section 12, processing 13 reads advertising data and performs the display to a display 14.

[0030] As the store technique of the advertising data to the storage section 12, and urgent data, it carries out as follows, for example.

Advertising Data: As shown in drawing 17 (b), since selling goods differ for every vending machine, advertising data shall be beforehand stored in the storage section 12 for every vending machine. If the structure which accumulates only the advertising data of selling goods for every vending machine is added when distributing by a broadcast/communication, it will be enabled to carry out to the timing of distribution of a charged information.

Urgent Data: Distributing by a broadcast/communication will be the requisite. It supervises whether urgent data always broadcast / communicate, and when it receives, as shown in drawing 17 (b), it is made to accumulate to the storage section 12.

[0031]

[Effect of the Invention] Although it is efficient to distribute a charged information by the broadcast infrastructure or the broadcast media in respect of saying that it can distribute to many homes at high speed simultaneously, the reception facility for it is needed. Moreover, in order to communicate a charged information by the one for one by the communication infrastructure, a constraint is received in the amount (the number of characters) of a charged information in respect of traffic. Since the distribution by the broadcast infrastructure or the newest charged information

which communicates by the communication infrastructure was accumulated to the storage of the mainframe of a charged information vending machine according to this invention, the advantage which becomes possible [loading a charged information at high speed] at the carried type terminal to hold, without a user paying the purchase expense and traffic of a reception facility is acquired. Only with a charged information vending machine, although it is difficult to secure an installation, it becomes easy to secure an installation by attaching in other vending machines, such as a drink. Moreover, it can use by performing advertisement of the selling goods of a vending machine, and guidance of an urgent information as the increase of sales of the selling goods of a vending machine, and an information position at the time of calamity occurrence.

[Translation done.]

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DESCRIPTION OF DRAWINGS

[Brief Description of the Drawings]

[Drawing 1] It is the block diagram showing the gestalt of implementation of the 1st of this invention.

[Drawing 2] It is the flow chart which shows the receiving procedure of a charged information in drawing 1 .

[Drawing 3] It is the flow chart which shows the selling procedure of a charged information in drawing 1 .

[Drawing 4] It is explanatory drawing of the example of button arrangement of a control unit.

[Drawing 5] It is explanatory drawing of the example of a selling menu display.

[Drawing 6] It is explanatory drawing of the example of a purchase price payment designation display.

[Drawing 7] It is explanatory drawing of the example of a transfer start designation display to a carried type terminal.

[Drawing 8] It is the block diagram showing the gestalt of implementation of the 2nd of this invention.

[Drawing 9] It is the flow chart which shows the selling procedure of a charged information in drawing 8 .

[Drawing 10] It is the block diagram showing the gestalt of implementation of the 3rd of this invention.

[Drawing 11] It is the flow chart which shows the communication procedure of a charged information in drawing 10 .

[Drawing 12] It is the block diagram showing the gestalt of implementation of the 4th of this invention.

[Drawing 13] It is the flow chart which shows the selling procedure of a charged information in drawing 12 .

[Drawing 14] It is example explanatory drawing of arrangement of the selection button for charged informations.

[Drawing 15] It is the flow chart which shows another selling procedure of a charged information in drawing 8 .

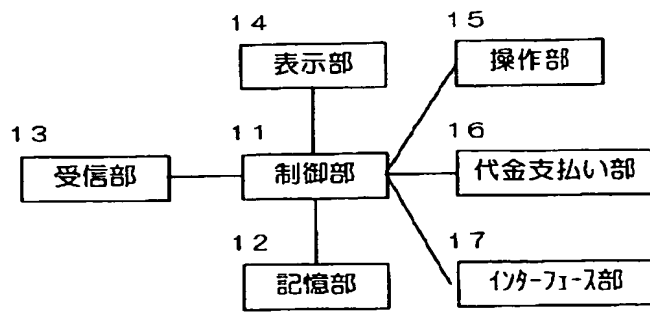
[Drawing 16] It is explanatory drawing for explaining the gestalt of implementation of the 5th of this invention.

[Drawing 17] It is explanatory drawing for explaining the gestalt of implementation of the 6th of this invention.

[Description of Notations]

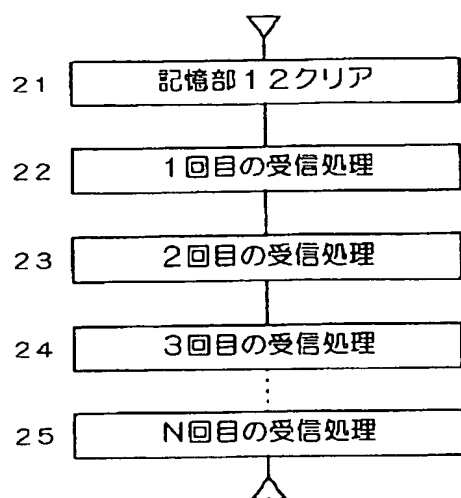
1 [-- The storage section, 13 / -- A receive section, 13A / -- The pin center,large communications department, 13B / -- A receive section / pin center,large communications department, 14 / -- A display, 15 / -- A control unit, 16 / -- The purchase price payment section, 17 / -- The interface section, 18 23 / -- The communications department, 22 / -- Coin *****, 24 / -- Selection button.] -- A charged information vending machine, 11, 21 -- A control section, 12

[Translation done.]

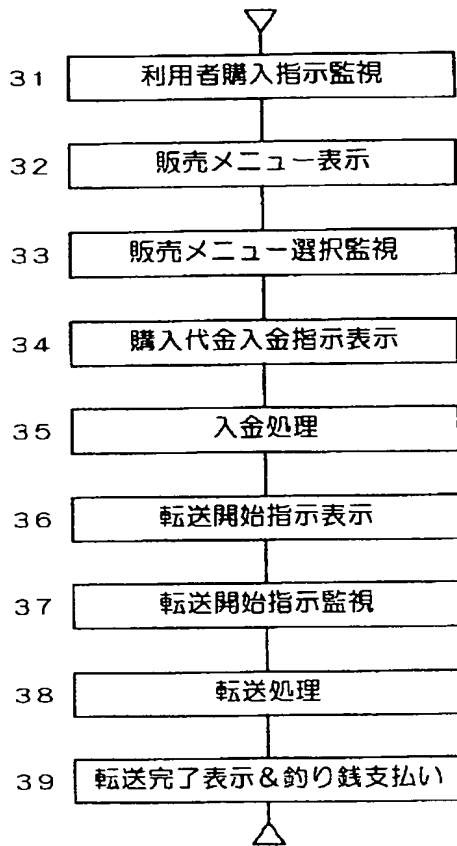
Drawing selection 

[Translation done.]


Drawing selection Drawing 2 

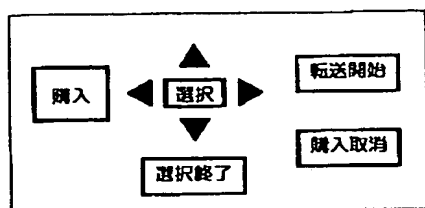


[Translation done.]

Drawing selection 

[Translation done.]

Drawing selection Drawing 4 



操作部15のボタン群付例

[Translation done.]

Drawing selection Drawing 5

お好みのジャンルを選択して下さい。
30円/ジャンルです。

政治	スポーツ	新製品
経済	番組案内	娯楽
社会	天気予報	コラム

販売メニュー表示例

[Translation done.]

Drawing selection Drawing 6

購入代金を入力して下さい。
代金は120円です。

政治 スポーツ 娯楽

社会

購入代金入金指示表示例

[Translation done.]

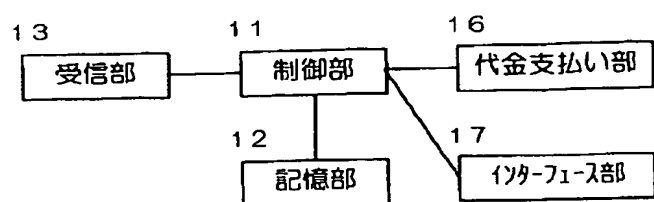
Drawing selection Drawing 7 ▼

携帯型端末の受信準備をして下さい。
受信準備完了後、
転送開始ボタンを押して下さい。

携帯型端末の受信準備方法について

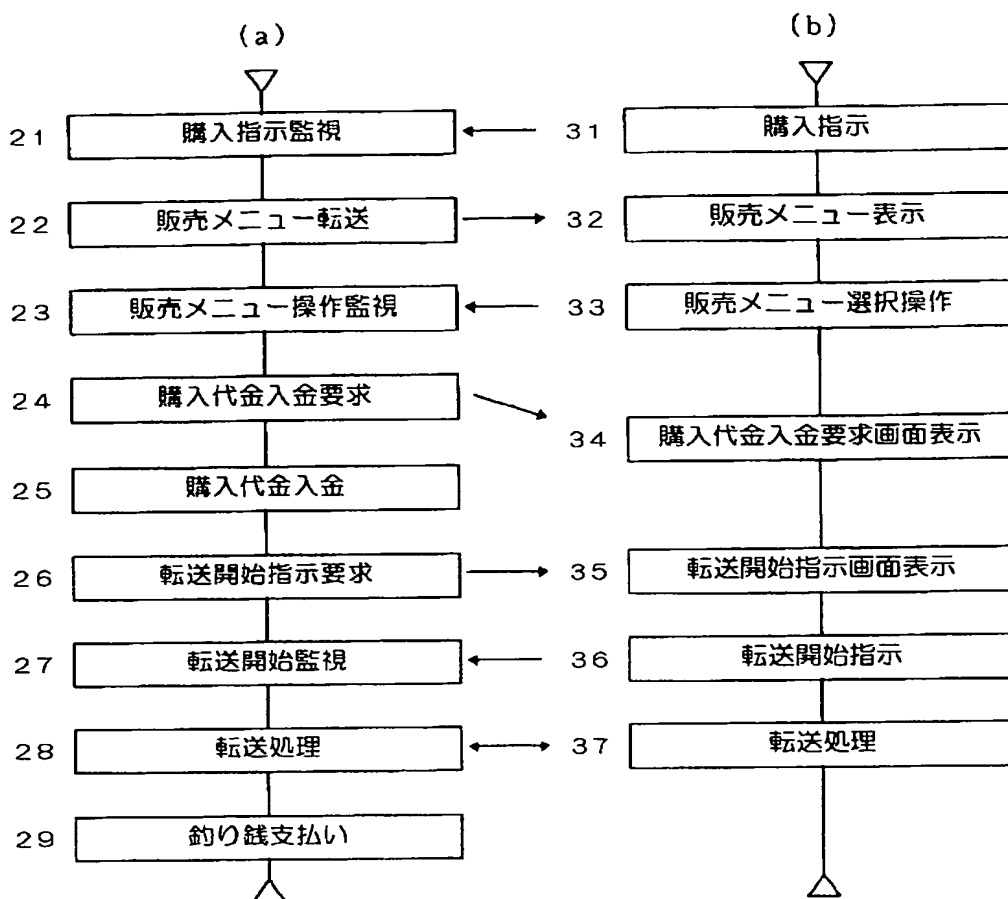
- 1) ??????します。
- 2) ??????します。
- 3) 携帯型端末を所定位置に設置します。

[Translation done.]

Drawing selection Drawing 8

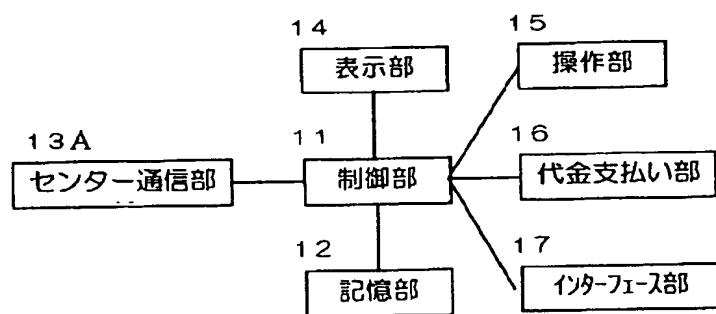
[Translation done.]

Drawing selection Drawing 9



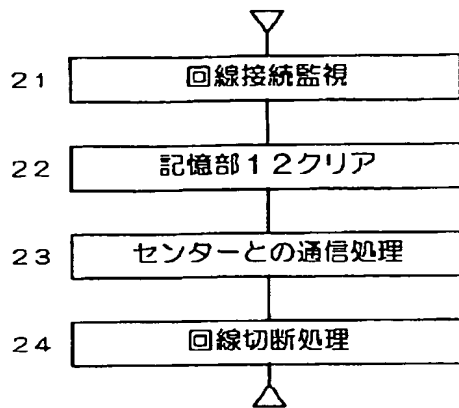
[Translation done.]

Drawing selection Drawing 10



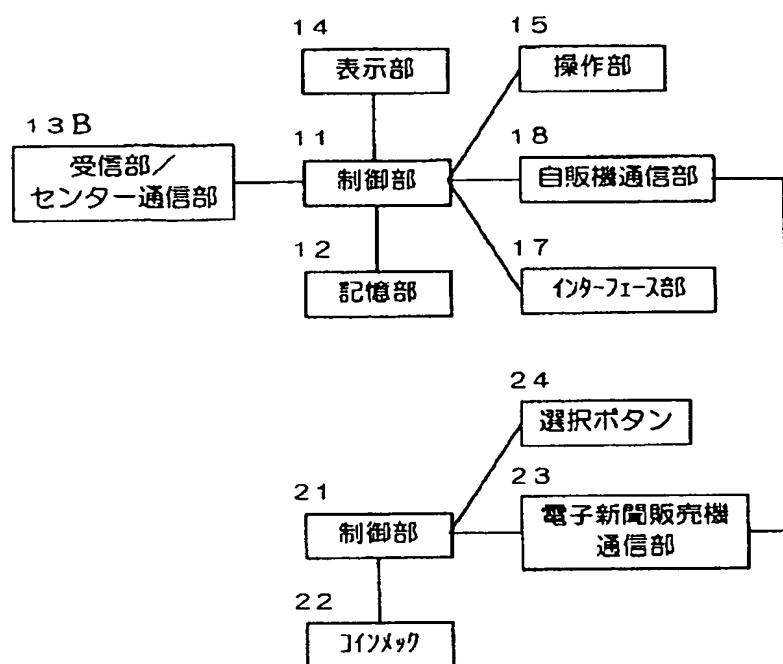
[Translation done.]

Drawing selection



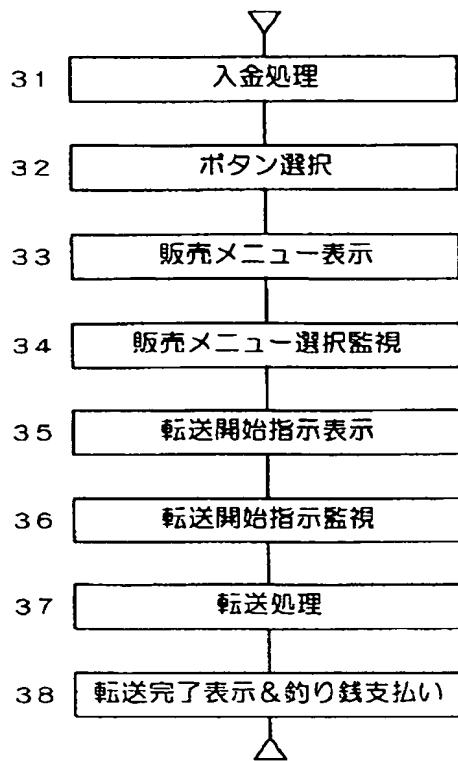
[Translation done.]

Drawing selection Drawing 12








[Translation done.]

Drawing selection Drawing 13 ▼



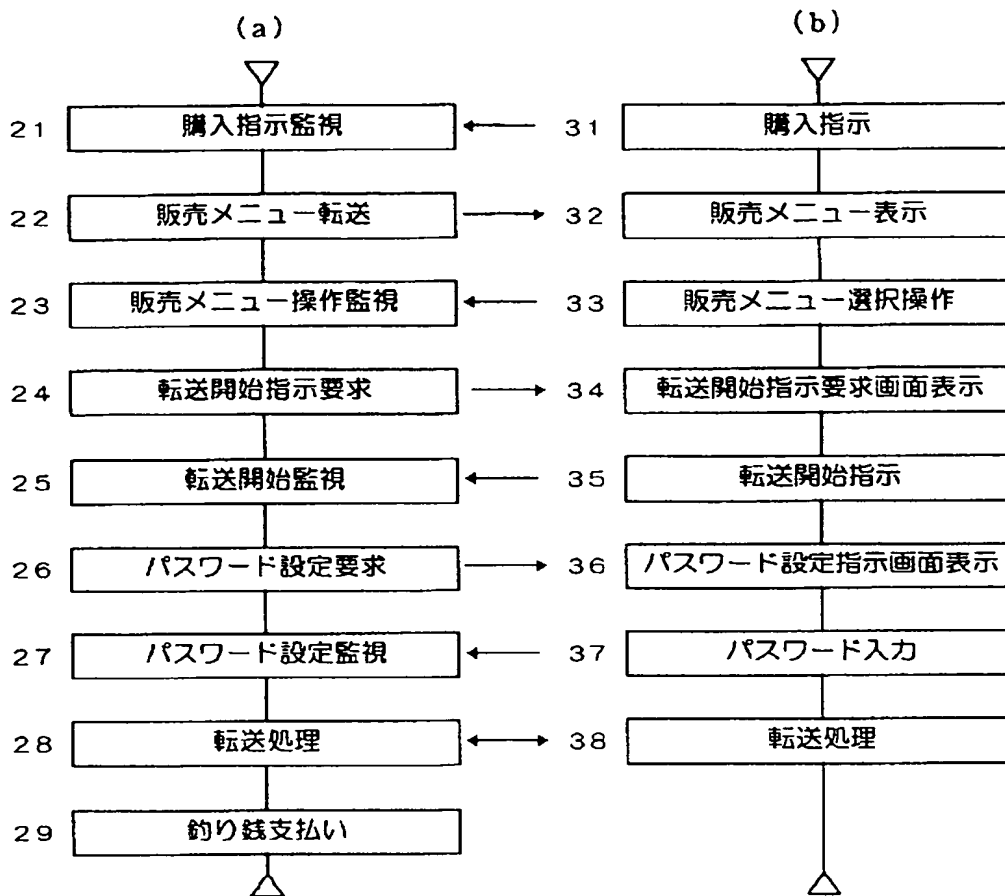
[Translation done.]

Drawing selection Drawing 14 ☒

 コーヒー	 ジュース	電子新聞 1ジャンル 	電子新聞 2ジャンル 	電子新聞 3ジャンル 
コーヒー 110円	ジュース 110円	電子新聞 50円	電子新聞 80円	電子新聞 100円

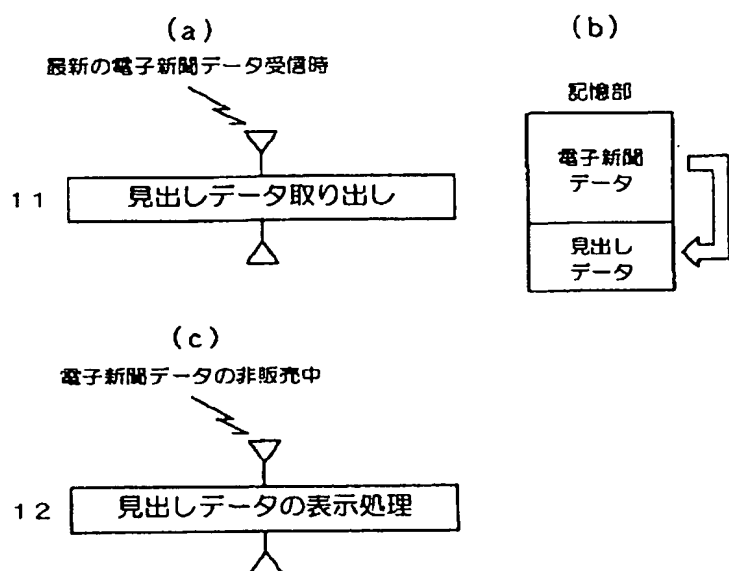
[Translation done.]

Drawing selection Drawing 15

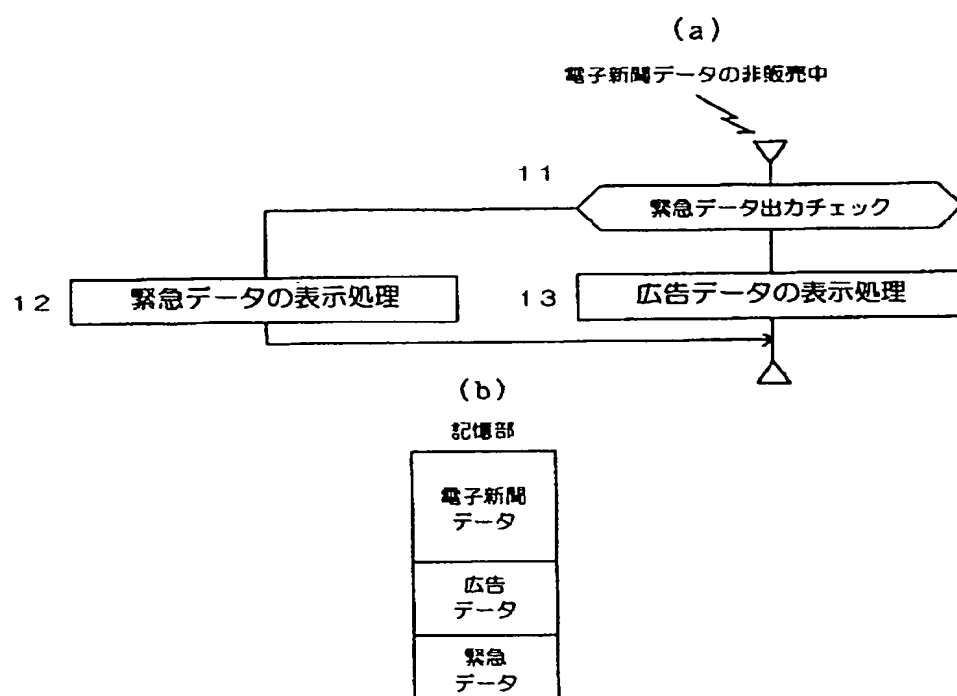


[Translation done.]

Drawing selection Drawing 16



[Translation done.]

Drawing selection 

[Translation done.]

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